

FEATURES LEGEND

| | |
|----------------------|---|
| Site investigated | △ |
| Drillhole | ○ |
| Deposit Type | |
| clean | GRAVEL (red), sandy GRAVEL (orange), gravelly SAND (green), SAND (blue) |
| dirty/very dirty | (pink) |
| unknown | (grey) |
| UNKNOWN deposit type | (dark grey) |

Deposit Type Definitions:

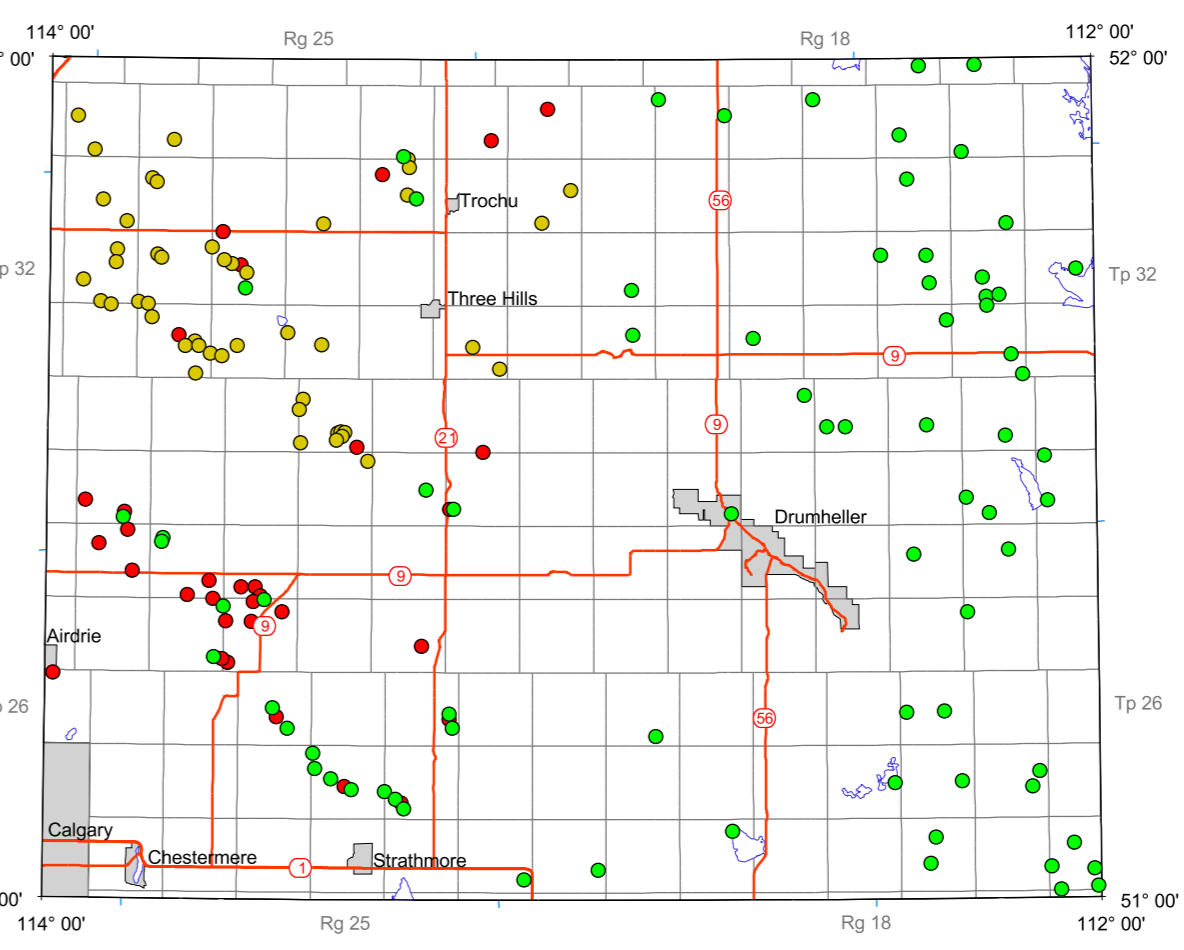
GRAVEL deposit: contains greater than 75% gravel.
 sandy GRAVEL deposit: contains 50% to 75% gravel.
 gravelly SAND deposit: contains 25% to 50% gravel.
 SAND deposit: contains less than 25% gravel.
 UNKNOWN deposit: amount of gravel unknown.
 clean deposit: contains less than 3% silt and clay.
 dirty deposit: contains 3% to 10% silt and clay.
 very dirty deposit: contains greater than 10% silt and clay.
 unknown: contains unknown percentage of mixed silt and clay.

BASE MAP LEGEND

| | |
|-------------------------------------|--------------------------------|
| River and lake | (blue line) |
| River - intermittent | (dashed blue line) |
| Road - paved | (solid red line) |
| Road - gravel | (dashed red line) |
| Road - unimproved | (dotted red line) |
| Railway line | (black line with cross-ticks) |
| Trail | (dotted black line) |
| Park boundary - provincial/national | (green line with inward ticks) |
| City/town | (grey area) |
| Metis settlement | (pink area) |
| Indian reserve | (purple area) |
| Township/range - surveyed | (solid red line) |
| Township/range - unsurveyed | (dashed red line) |
| UTM, zone 12 grid | (+ 450000m.E) |

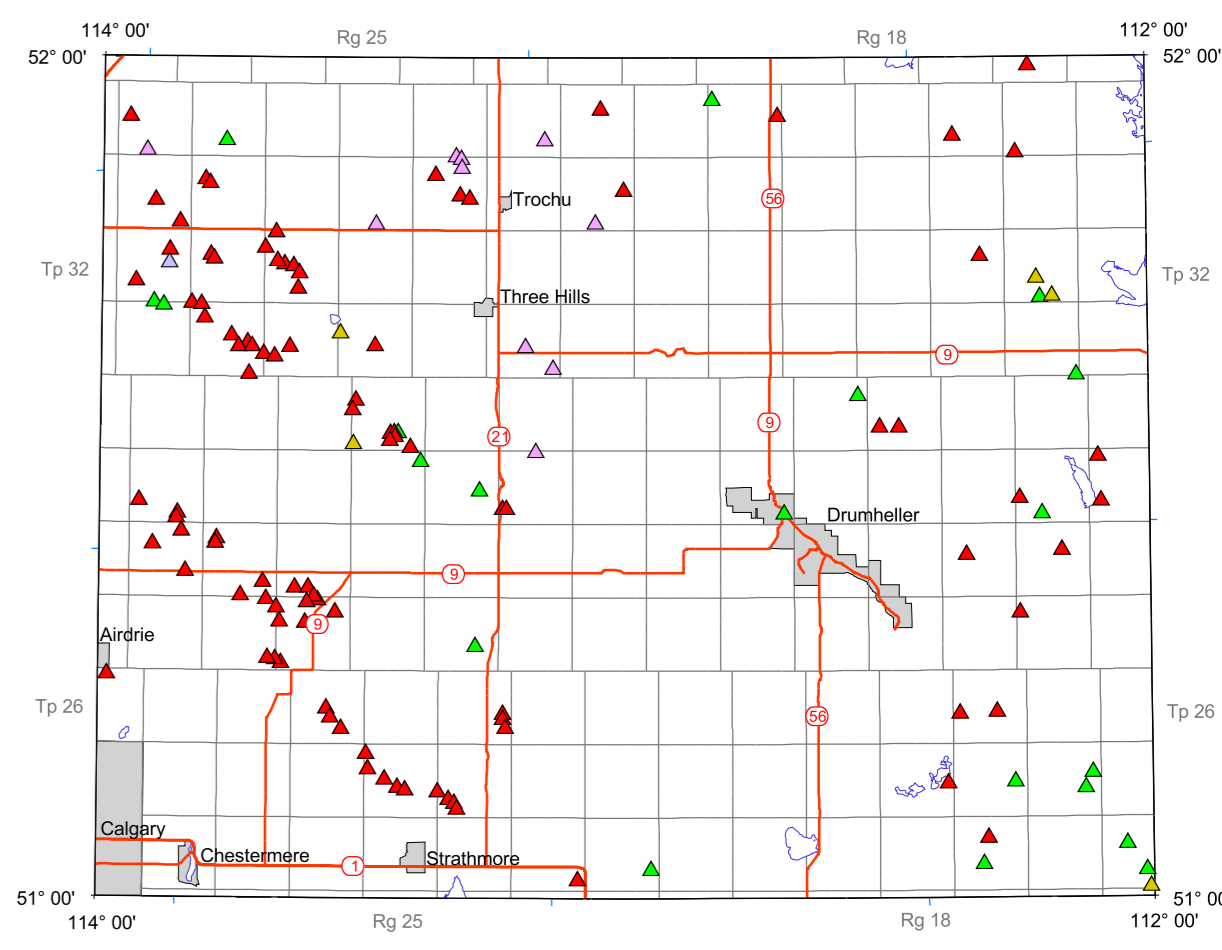
This is a common map legend. Not all units may be present on this map.

Study Level



● Level 1 ● Level 2 ● Level 3 ● Level 4 ● Level 5

Genesis or Geological Feature



▲ Preglacial ▲ Alluvial ▲ Glacial ▲ Unknown
 ▲ Glaciofluvial ▲ Eolian

Study Level Definitions:

Level 1 Aggregate reserves confirmed by grid testing and sampling.
 Level 2 Aggregate resources confirmed by multiple test holes and sampling.
 Level 3 Sand and/or gravel confirmed by Alberta Geological Survey site investigation and limited sampling and testing.
 Level 4 Sand and/or gravel areas assumed by Alberta Geological Survey investigation of associated sites, remote sensing and other sources of information.
 Level 5 Potential sand and/or gravel areas identified from remote sensing and other sources of information without Alberta Geological Survey site investigation.

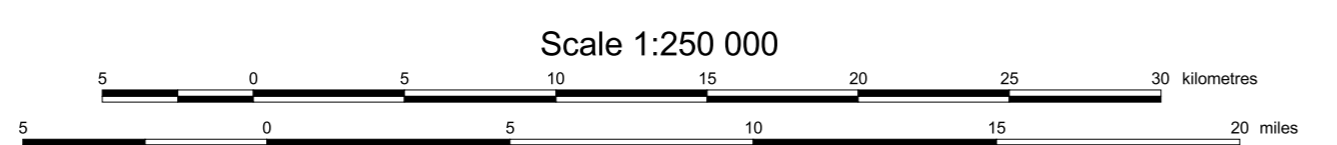
References:

Holter, M.E. (1975): Gravel resources of the Red Deer area; Alberta Research Council, Earth Sciences Report 75-03, 54 p.
 Shetsen, I. (1987): Quaternary Geology, Southern Alberta; Alberta Research Council, Map 207, scale 1:500 000.
 Shetsen, I. (1991): Sand and gravel resources of the Calgary area. Alberta; Alberta Research Council, OFR 1981-08, 96 p.

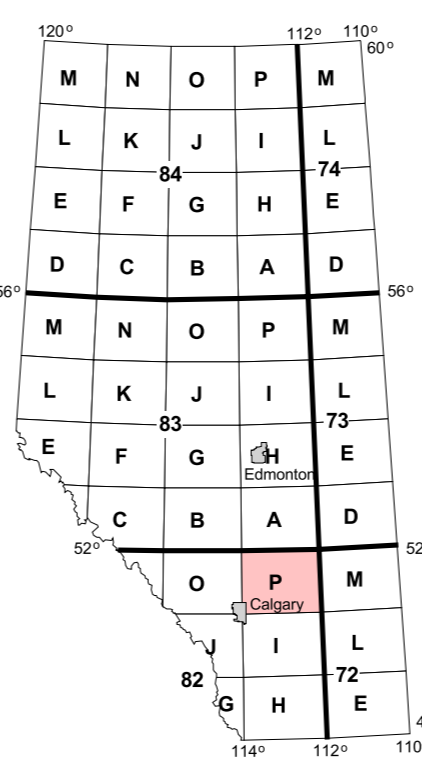
Published 2004
 Copies of this map may be obtained from:
 Information Sales
 Alberta Geological Survey
 Telephone: (780) 422-3167
 Website: www.ag.s.gov.ab.ca

Map 272
Sand and Gravel Deposits with Aggregate Potential
Drumheller, Alberta (NTS 82P)

Geology compiled by: H.D. Budney, W.A.D. Edwards, T. Bereziuk and L. Butkovic



Projection: Universal Transverse Mercator, Zone 12
 Datum: North American Datum, 1983



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